

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **09005244 A**

(43) Date of publication of application: **10.01.97**

(51) Int. Cl.

G01N 21/81
G01N 31/22

(21) Application number: **07153103**

(22) Date of filing: **20.06.95**

(71) Applicant: **T & D:KK**

(72) Inventor: **TSUKANAKA TAKESHI**
TAKAHATA YUKIO

**(54) WATER LEAK DETECTION APPARATUS AND
MOISTURE MEASUREMENT APPARATUS WITH
WATER LEAK DISPLAY FUNCTION**

(57) Abstract

PURPOSE: To provide a water leak detection apparatus which can clearly detect and preserve the generation of a water leak, a condensation, etc.

CONSTITUTION: A paint 37 containing a water-soluble coloring matter is printed in dots or in a discrete linear pattern on a surface 38 of a paper sheet 36 of a water leak-sensing seal 34. The sensing seal 34 is attached to a position corresponding to a display window of a sensor 20. If a condensation occurs or the water leaks, the water-soluble coloring matter is melted to color the paper sheet 36, which clearly shows the generation of an environmental change. The sensor 20 is exchanged based on a color change of the display window 24. Highly accurate measurements can hence be conducted surely.

COPYRIGHT: (C)1997,JPO

